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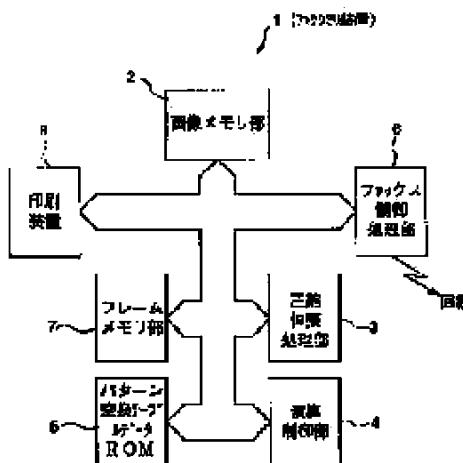
(21)Application number : 08-281364 (71)Applicant : RICOH CO LTD
 (22)Date of filing : 02.10.1996 (72)Inventor : MASUDA TOSHIYA

(54) IMAGE REDUCTION METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To prevent image omission or the like from being generated in the linear part of a ruled line, a line in a character and an underline, etc., by selecting a reduction pattern for which it is estimated that the degradation of images is least.

SOLUTION: When the reduction of image data is required, replacement to the reduction pattern is performed by the unit of the total of four dots that are a front one dot (or front one line) and back two dots (or back two lines) with a dot under consideration as a center among the respective dots for constituting the image data or by a unit of 4×4 dot, based on a conversion rule and the image data are reduced. A compression/expansion processing part 3 performs the processing of compressing non-worked bit map image data stored in an image memory part 2 and the processing of expanding the compressed code data to the bit map image data, etc. An arithmetic control part 4 performs the arithmetic processing of a dot (line) number required to be thinned, based on compressibility, the processing of extracting reference data from the image data and the processing of selecting the reduction pattern with a reference pattern as a retrieval key, etc.



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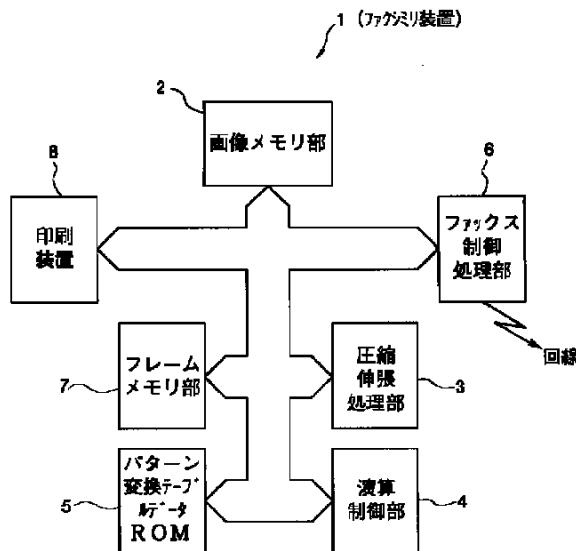
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(54)【発明の名称】 画像縮小方法

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